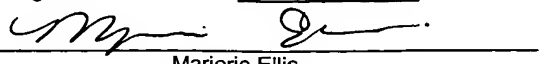


FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NUMBER PAT-01026
TRANSMITTAL LETTER TO THE UNITED STATES		U.S. APPLICATION NO. (IF KNOWN SEE 37 RR 15) 10/510993
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		
INTERNATIONAL APPLICATION NO. PCT/EP03/04645	INTERNATIONAL FILING DATE (02.05.2003) 02. May 2003	PRIORITY DATE CLAIMED (11.05.2002) 11. May 2002
TITLE OF INVENTION: AQUEOUS DISPERSION OF INORGANIC NANOPARTICLES, METHOD FOR THE PRODUCTION AND USE THEREOF		
APPLICATION(S) FOR DO/EO/US: Wolfgang BREMSER, Winfried STÜBBE, Eike WESTHOFF, Manuela NIEMEIER, and Andreas POPPE		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) The submission must include Items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p>a. <input type="checkbox"/> are transmitted herewith (required only if not transmittal by the International Bureau).</p> <p>b. <input checked="" type="checkbox"/> have been transmitted by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</p> <p>a. <input checked="" type="checkbox"/> Is attached hereto.</p> <p>b. <input type="checkbox"/> Has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendment to the claims of the International Application under PCT Article 19 (35 U.S.C. 37(c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input checked="" type="checkbox"/> An English language translation of the annex to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>Items 11. to 20. below concern document(s) or information included:</p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment.</p> <p>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 – 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: A copies of the cover sheet from the PCT Published Application, and the cover sheet from the Priority Document</p>		
I hereby certify that the attached correspondence is being deposited with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee" Mailing Label No. ER 193 007 077 US addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on October 12, 2004.		
 Marjorie Ellis		

U.S. APPLICATION NO. (if known see 37 C.F.R. 1.50) 10/510993	INTERNATIONAL APPLICATION NO. PCT/EP 03/04645	ATTORNEY'S DOCKET NUMBER PAT- 01026
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21 ☒ The following fees are submitted:

Basic National Fee (37 CFR 1.492(a)(1)-(5)):
 Neither international preliminary examination fee (37 CFR 1.482)
 Nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO
 and International Search Report not prepared by the EPO or JPO..... **\$1,110.00**

International preliminary examination fee (37 CFR 1.482) not paid to
 USPTO but International Search Report prepared by the EPO or JPO..... **\$ 950.00**

International preliminary examination fee (37 CFR 1.482) not paid to USPTO
 but international search fee (37 CFR 1.44(a)(2)) paid to USPTO..... **\$ 790.00**

International preliminary examination fee (37 CFR 1.482) paid to USPTO
 but all claims did not satisfy provisions of PCT Article 33(1)-(4)..... **\$ 750.00**

International preliminary examination fee (37 CFR 1.482) paid to USPTO
 and all claims satisfied provisions of PCT Article 33(1)-(4) **\$ 100.00**

ENTER APPROPRIATE BASIC FEE AMOUNT =

CALCULATIONS PTO USE ONLY

Surcharge of \$130.00 for furnishing the oath or declaration later <input type="checkbox"/> 20 <input type="checkbox"/> 30 than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
Claims	Number Filed	Number Extra	Rate	\$	
Total Claims	23 - 20 =	03	X \$ 18.00	\$54.00	
Independent claims	01 - 03 =	0	X \$ 88.00		
Multiple dependent claims(s) (if applicable)			+ \$300.00		
TOTAL OF ABOVE CALCULATION =				\$1,004.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are				\$	
SUBTOTAL =				\$1,004.00	
Processing fee of \$130.00 for furnishing the English translation later <input type="checkbox"/> 20 <input type="checkbox"/> 30 the months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$1,004.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	
TOTAL FEES ENCLOSED =				\$1,004.00	
				Amount to be refunded:	\$
				Charged	\$1,004.00

a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 02-1201 in the amount of \$1,004.00 to cover the above fees
 A triplicate copy of this sheet is enclosed.

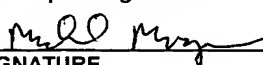
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
 overpayment to Deposit Account No. 02-1201. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card**
 Information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

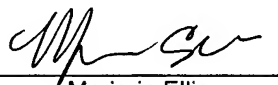
SEND ALL CORRESPONDENCE TO:

BASF CORPORATION
 Patent Department
 26701 Telegraph Road
 Southfield, Michigan 48034-2442
 (248) 948-2355
 Customer No. 26922


 SIGNATURE
 Michael F. Morgan
 Name
42,906
 REGISTRATION NUMBER

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Wilfried STÜBBE Anreas POPPE	Practitioner's Docket No. PAT-01026
Serial No.: This application is a National Phase application of PCT/EP03/04645 filed 2 May 2003.	Group Art Unit: Not Assigned
Filed:	Examiner: Not Assigned
For: Aqueous Dispersion of Inorganic Nanoparticles, Method for the Production and Use Thereof	<div style="border: 1px solid black; padding: 5px;"> <p><u>EXPRESS MAIL CERTIFICATE</u></p> <p>I hereby certify that the attached correspondence is being deposited with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee" Mailing Label No. ER 193 007 077 US addressed to BOX PCT, Commissioner for Patents, PO BOX 1450, Alexandria, VA 22313-1450 on the date shown below.</p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="text-align: center;"> <p>October 12, 2004</p> <hr style="width: 100%;"/> <p>Date</p> </div> <div style="text-align: center;">  <hr style="width: 100%;"/> <p>Marjorie Ellis</p> </div> </div> </div>

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Alexandria, VA 22313-1450

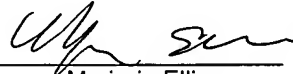
X	Application Data Sheet
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10/510993

DT05 Rec'd PCT/PTO 12 OCT 2004

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Wilfried STÜBBE Anreas POPPE	Practitioner's Docket No. PAT-01026
Serial No.: This application is a National Phase application of PCT/EP03/04645 filed 2 May 2003.	Group Art Unit: Not Assigned
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For: Aqueous Dispersion of Inorganic Nanoparticles, Method for the Production and Use Thereof	<u>EXPRESS MAIL CERTIFICATE</u> I hereby certify that the attached correspondence is being deposited with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee" Mailing Label No. ER 193 007 077 US addressed to BOX PCT, Commissioner for Patents, PO BOX 1450, Alexandria, VA 22313-1450 on the date shown below. October 12, 2004 Date  Marjorie Ellis

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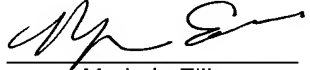
<input checked="checked" type="checkbox"/> X	Copy of cover sheet from the PCT Published Application
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

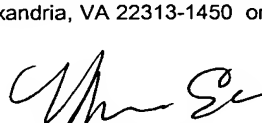
In re Application of Wilfried STÜBBE Anreas POPPE	Practitioner's Docket No. PAT-01026
Serial No.: This application is a National Phase application of PCT/EP03/04645 filed 2 May 2003.	Group Art Unit: Not Assigned
Filed:	Examiner: Not Assigned
For: Aqueous Dispersion of Inorganic Nanoparticles, Method for the Production and Use Thereof	<u>EXPRESS MAIL CERTIFICATE</u> I hereby certify that the attached correspondence is being deposited with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee" Mailing Label No. ER 193 007 077 US addressed to BOX PCT, Commissioner for Patents, PO BOX 1450, Alexandria, VA 22313-1450 on the date shown below. October 12, 2004 Date  Marjorie Ellis

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<input checked="" type="checkbox"/>	International Preliminary Examination Report
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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<p>In re Application of</p> <p>Wilfried STÜBBE Anreas POPPE</p>	<p>Practitioner's Docket No. PAT-01026</p>
<p>Serial No.: This application is a National Phase application of PCT/EP03/04645 filed 2 May 2003.</p>	<p>Group Art Unit: Not Assigned</p>
<p>Filed:</p>	<p>Examiner: Not Assigned</p>
<p>For: Aqueous Dispersion of Inorganic Nanoparticles, Method for the Production and Use Thereof</p>	<p><u>EXPRESS MAIL CERTIFICATE</u></p> <p>I hereby certify that the attached correspondence is being deposited with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee" Mailing Label No. ER 193 007 077 US addressed to BOX PCT, Commissioner for Patents, PO BOX 1450, Alexandria, VA 22313-1450 on the date shown below.</p> <p>October 12, 2004</p> <p>_____</p> <p>Date</p> <p></p> <p>_____</p> <p>Marjorie Ellis</p>

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German Text Application					
Specification on	43	pages;	claims on	07	pages;
the abstract on	01	page(s);	drawings on		page(s).

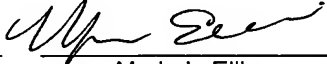
10/510993

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PATENT

#2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Wilfried STÜBBE Anreas POPPE	Practitioner's Docket No. PAT-01026
Serial No.: This application is a National Phase application of PCT/EP03/04645 filed 2 May 2003.	Group Art Unit: Not Assigned
Filed:	Examiner: Not Assigned
For: Aqueous Dispersion of Inorganic Nanoparticles, Method for the Production and Use Thereof	<u>EXPRESS MAIL CERTIFICATE</u> I hereby certify that the attached correspondence is being deposited with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee" Mailing Label No. ER 193 007 077 US addressed to BOX PCT, Commissioner for Patents, PO BOX 1450, Alexandria, VA 22313-1450 on the date shown below. October 12, 2004 Date  Marjorie Ellis

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<input checked="" type="checkbox"/>	Copy of Cover page of the Priority Document
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PATENT #3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Wilfried STÜBBE Anreas POPPE	Practitioner's Docket No. PAT-01026
Serial No.: This application is a National Phase application of PCT/EP03/04645 filed 2 May 2003.	Group Art Unit: Not Assigned
Filed:	Examiner: Not Assigned
For: Aqueous Dispersion of Inorganic Nanoparticles, Method for the Production and Use Thereof	<p><u>EXPRESS MAIL CERTIFICATE</u></p> <p>I hereby certify that the attached correspondence is being deposited with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee" Mailing Label No. ER 193 007 077 US addressed to BOX PCT, Commissioner for Patents, PO BOX 1450, Alexandria, VA 22313-1450 on the date shown below.</p> <p>October 12, 2004</p> <p>_____ Date Marjorie Ellis</p>

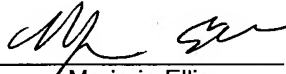
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X	Information Disclosure Statement
X	From PTO-1449
X	Cited References
X	International Search Report
X	Germany International Search Report

10/510993

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PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of Wilfried STÜBBE Anreas POPPE	Practitioner's Docket No. PAT-01026
Serial No.: This application is a National Phase application of PCT/EP03/04645 filed 2 May 2003.	Group Art Unit: Not Assigned
Filed:	Examiner: Not Assigned
For: Aqueous Dispersion of Inorganic Nanoparticles, Method for the Production and Use Thereof	<u>EXPRESS MAIL CERTIFICATE</u> I hereby certify that the attached correspondence is being deposited with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee" Mailing Label No. ER 193 007 077 US addressed to BOX PCT, Commissioner for Patents, PO BOX 1450, Alexandria, VA 22313-1450 on the date shown below. October 12, 2004 Date  Marjorie Ellis

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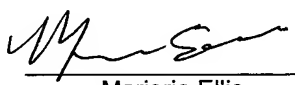
<input checked="" type="checkbox"/>	Combined Declaration and Power of Attorney
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10/510993

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Wilfried STÜBBE Anreas POPPE	Practitioner's Docket No. PAT-01026
Serial No.: This application is a National Phase application of PCT/EP03/04645 filed 2 May 2003.	Group Art Unit: Not Assigned
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☒ English Application
Specification on pages; claims on pages;
the abstract on page(s); drawings on page(s).